

Reticulum M – Development of the University's Professors eLearning skills

Blended Course

Introduction to eLearning and Learning Management Systems (LMS)

Project JEP-40057-2005 – *Postgraduated in Public Health Sciences*

Project Leader, Author & Moderator:
Ass. Prof. Miloš Bajčetić, M.D. ,
Certified e-Tutor

© Reticulum & Milos Bajcetic

Reticulum M – Project Description

Objectives

- To enhance the use of Learning Management System in the teaching process amongst the Professors at Postgraduate Studies in Medicine .
- To raise awareness in integrating the IC Technologies within the traditional i.e. existing curriculum, amongst the Professors.
- To introduce the basic principles of the methodology for the Medical Professors
- Further development of a comprehensive Training program, **Reticulum M**, in the area of eLearning and Distance Learning.
- To create, incorporate and moderate high-quality activities and inventive practices within the existing curriculum.

Relevance

- The Project falls into the area of fostering digital literacy and development of skills, competencies, experiences and attitudes and to make effective use of the IC Technologies in the education process.
- The project is to introduce the Training program, Reticulum M, to the Medical Professors and to encourage the Professors to incorporate the IC Technologies within the traditional courses.
- The Medical Professors further professional development
- Knowing of the subject matter: understanding the process of learning and use of the effective teaching methods coupled with the IC Technologies will improve the students' achievement.
- Raise awareness about the educational technologies and the importance of the "human factor" i.e the role of the Medical Professors in the process of teaching and learning: It is of great importance to integrate the IC Technology within the existing curriculum. However, the use of the new technologies can only succeed with the appropriate and effective assistance and the expertise of the existing Medical Professors

Expected results

- Training program will be elaborated and the missing elements identified
- Training program will be further developed and improved
- Development of new online courses will be proposed

Target groups

- Direct target group: 15-20 Assistant Professors and Associate Professor of Belgrade School of Medicine
- Indirect target group: Students at Postgraduate Studies

Blended Course – Programme

1. Module

Lecture: eLearning – Introduction & Terminology

- Distance learning
- eLearning
- Online education

Lecture: Types of interaction in eLearning

- Ways of knowledge transmission – Linear vs. Dynamic
- Teaching Perspectives
- Types of interactions in eLearning

Lecture: LMS – *Learning Management Systems* (VLE – *Virtual Learning Environment*)

- Basic terms
- Properties of "good" LMS
- Synchronous vs. asynchronous activities

W Moodle I – Introduction to Moodle

- Level of user accounts
- Creation of courses (settings of different parameters)
- Resources (short review)
- Activity modules (short review)
 - asynchronous (forum, lesson, quiz, glossary, assignment ...)
 - synchronous (chat, instant messaging)
- Forums – bulletin boards as basic and most important form of asynchronous activities.

2. Module

Lecture: Basic principles of Instructional Design

W Moodle II – Resource

- Types of resources – creation
 - web page
 - text page
 - links to a file or web site
 - types of multimedia files (.pdf, .ppt., swf etc.)

W Moodle III – Lessons

- Types of lesson
- Settings of basic parameter
- Creation (basics elements of HTML)

W Moodle IV – Glossary

- Types of glossaries
- Settings
- Auto-linking of entries

3. Module

Lecture: Bloom's Taxonomy

W Moodle V – Quiz

- Types of question
- Bank of questions
- Importing of questions from external resources

W Moodle VI – Grades and Scales

Lecture: Other Moodle activities and properties (Assignments, Wiki, Surveys...)

Participants Presentations

Evaluation

CONTACT INFORMATION:

Miloš Bajčetić

E-mail address: milosb@reticulum.org

Phone: 064 1137927